BTEC Assignment Brief

Qualification	Pearson BTEC International Level 3 Foundation Diploma in Horticulture Pearson BTEC International Level 3 Diploma in Horticulture Pearson BTEC International Level 3 Extended Diploma in Horticulture
Unit number and title	Unit 33: Pests and Disease in Plants
Learning aim(s)	**A:** Examine pests and diseases for management of plant health
Assignment title	**The impact of pests and diseases upon plant health**
Assessor	
Issue date	
Hand in deadline	

Vocational Scenario or Context	You are working as an assistant manager at a nursery that produces a variety of different plants. You have been asked by your manager to produce a pests and diseases guide for members of staff to use as a reference, to ensure that everyone is working to the same protocols, and has the same level of knowledge and skills to maintain good plant health.
Task 1	Produce a comprehensive booklet that covers a range of both common and uncommon pests and diseases that affect the plants produced at the farm. Include in your booklet: • details of the life cycles of pests and diseases • details of the preferred conditions of pests and diseases • modes of spread of pests and diseases • preferred geographical locations of pests and diseases • preferred species of trees/plants of different pests and diseases • an assessment of the signs and symptoms of different pests and diseases • reasons for the importance of correct identification of different pests and diseases, and the impact that this has upon the health of plants.
Checklist of evidence required	Booklet

Criteria covered by this task:	
Unit/Criteria reference	To achieve the criteria you must show that you are able to:
A.D1	Evaluate the impact of a wide range of pests and diseases on the management of plant health.
A.M1	Assess the characteristics of pests and diseases that affect plants and their impact on the management of plant health.
A.P1	Explain how common pests and diseases can be identified in plants.
A.P2	Explain how common pests and diseases affect the management of plant health.

Sources of information to support you with this Assignment	**Books** Greenwood,P & Halstead, A, (2018) *RHS Pests and Diseases: New edition, Plant-by-Plant advice, Keep your produce and plants healthy*, DK Publishing, ISBN 978 0241315606 Lucus, G B (2013) *Introduction to Plant diseases identification and management 2nd edition*, Springer publisher, ISBN 978 0412069611 Jackson, P (2014) *Organic Pest Control The Practical Guide: How to naturally protect your home*, garden and food from pests and pesticides (green thumb), Createspace independent publishing platform, ISBN 978 1501005404 **Journals/Magazines** Garden News Gardeners World Farmers Weekly **Websites** rhs.org.uk nfuonline.com